

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shigeru MIZUNO

Application No.: New US Application

Filed: July 24, 2003

Docket No.: 116572

For: PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC ACTUATOR
FOR INK-JET HEAD BASED ON USE OF THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language reference Nos. 3-6 are attached hereto.
- ☒ 3. Computer-generated English translations of the following Japanese Patent Publication have been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and are attached, but have not been reviewed for accuracy. See References 2-6.

Respectfully submitted,



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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116572		APPLICATION NO. New US Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Shigeru MIZUNO			
				FILING DATE July 24, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	6,451,244	09/17/2002	Kusumoto et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	2	JP B1 3044304 (with translation)	03/17/2000	Japan			
	3	JP A 2001-302349 (with abstract and translation)	10/31/2001	Japan			
	4	JP A 5-58645 (with translation and abstract)	03/09/1993	Japan			
	5	JP A 2001-302350 (with translation and abstract)	10/31/2001	Japan			
	6	JP A 2002-226266 (with translation and abstract)	08/14/2002	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 24, 2003